

AUG 2 0 2004

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

the application of:

Attorney Docket No.: 3216.15US03

Gétautis, et al.

Confirmation No.: 4528

Application No.:

10/772,068

Examiner: Unknown

Filed:

February 4, 2004

Group Art Unit: 2852

For:

POLYMERIC CHARGE TRANSPORT COMPOSITIONS

## INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. § 1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This application was filed after June 30, 2003; therefore, copies of cited U.S. patents and U.S. published applications are not included.

This information is being filed before the mailing date of a first Office Action on the merits. No certification or fee is required.

Respectfully submitted,

Kam W. Law

Registration No. 44,205

## Customer No. 24113

Patterson, Thuente, Skaar & Christensen, P.A. 4800 IDS Center

80 South 8th Street

Minneapolis, Minnesota 55402-2100

Telephone: (612) 349-3001

## CERTIFICATE OF MAILING

I hereby certify that this document is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

8/18/2004

Kam W. Law

Date of Deposit

S	ubstitu	te for for	rm 1449/	PTO	Complete if Known			
					Application Number	10/772,068		
INFORMATION DISCLOSURE					Filing Date	February 4, 2004		
ST			APPLI		First Named Inventor	Getautis		
	(Ose as	many sneet	s as necessar	<i>3)</i>	Art Unit	2852		
					Examiner Name	Unknown		
Sheet	2		of	2	Attorney Docket Number	3216.15US03		
			NON	PATENT LITE	ERATURE DOCUME	ENTS		
EXAMINER INITIAL*	Cite No. <sup>1</sup>							
		<ul> <li>M. Daskeviciene et el., "Derivatives of 2,5-Dimercapto-1,3,4-thiazole as Hole Transporting Materials," Lithuanian Journal of Physics, 2001, 41, No. 4-6, 521-526.</li> <li>P.M. Thangamathesvaran and S.R. Jain, "Synthesis, Characterization And Binding Properties Of Epoxy Resins Based On Carbonohydrazones And Thiocarbonohydrazones," Frontiers of Polymer Research, p. 589-594, Edited by P.N. Prasad and J.K. Nigam, Plenum Press, NY, 1991.</li> <li>S.R.Jain et el, "Novel Energetic N-N Bonded Polymeric Binders for Composite Propellants," Macromolecules New Frontiers, p. 1018-1021, Allied Publishers Ltd., New Delhi, 1998.</li> <li>Boyd et al., "The Dimerisation of 5-Methylene-Δ²-1,3,4-oxadiazolines," J. Chem. Soc., C, Organic 12, 1971.</li> </ul>						
		Atherton et al., "Synthesis of 3(S)-Acylamino-1-[(Phenyl)(1H-Tetrazol-5-yl)Amino]-2-Azetidinones," Tetrahedron, Vol. 39, No. 15, pp. 2599-2608, 1983.						
		Murakaı	mi et al., "An Efficient Synthesis of 1,1-Disubstituted Hydrazines," Chem. Pharm. Bull., pp. 423-428, 1983.					
EXAMINER					DATE	<u> </u>		
SIGNATURE					CONCIDEDED	1		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

·	Subs	stitute for form 144	9/PTO		Complete if Known		
	Suoi	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	5/110	Application Number	10/772,068		
TO EN	FORM	ATION DISCLOS	URE	Filing Date	February 4, 2004		
, , ,		ENT BY APPLICA		First Named Inventor	Getautis		
-01	(Use a	s many sheets as necessary)	-				
4.16 2 0 2004 3	변		<u> </u>	Art Unit	2852		
K00 -				Examiner Name	Unknown		
Sheet	1	of	2	Attorney Docket Number	3216.15US03		
			U.S. PATEN	T DOCUMENTS			
EXAMINER INITIAL*	Cite No. <sup>1</sup>	Document Number-Kind	Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		
		Number-Kind	Code				
		4,297,426		10/27/1981	Sakai et al.		
	4,476,137			10/09/1984	Haviv et al.		
		4,786,571		11/22/1988	Ueda		
		4,957,838		09/18/1990	Aruga et al.		
-		5,128,227		07/07/1992	Monbaliu et al.		
		5,274,116		12/28/1993	Martin et al.		
		5,932,384		08/03/1999	Mitsumori et al.		
		6,001,522		12/14/1999	Woo et al.		
		6,030,734		02/29/2000	Mitsumori		
		6,020,096		02/01/2000	Fuller et al.		
		6,066,426		05/23/2000	Mott et al.		
		6,099,996		08/08/2000	Yanus et al.		
		6,140,004		10/31/2000	Mott et al.		
		6,214,503		04/10/2001	Gaidelis et al.		
		6,340,548		01/22/2002	Jubran, et al.		
		6,670,085		12/30/2003	Jubran, et al.		
		20030219662		11/27/2003	Jubran, et al. Law, et al. Law, et al.		
		20030198880		11/23/2003			
		20030138712		07/24/2003			
		20030129513		07/10/2004	Jubran, et al.		
		20030113644		06/19/2003	Law, et al.		
		20030113643		06/19/2003	Law, et al.		
		20030113132		06/19/2003	Law, et al.		
		20030104294		06/05/2003	Law, et al.		
<del></del> ,				ENT DOCUMENTS			
EXAMINER INITIAL*	Cite No. <sup>1</sup>	Foreign Pater	4.	Publication Date MM-DD-YYYY	Name of Patentee or Applicant T of Cited Document		
		Country Code <sup>3</sup> Nu (if kno	own)				
		JP Publication 2001-	166519	06/22/2001	Canon Inc.		
		Germany 816,923		07/22/1959	Bayer Aktiengesellschaft		
		UK1,047,525		11/09/1966	Kenneth George Mason		
EXAMINER	I			DATE			
SIGNATURE				CONSIDERED			

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English